GenScript
Scripting Possibilities

Rev03
Update: Aug,08,2025

DATASHEET

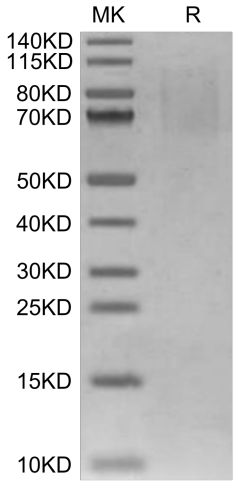
PSGL-1, His, Mouse

Cat. No.: Z06327

Product Introduction

Species	Mouse
Protein Construction	PSGL-1 (Gln42-Cys307)_x000D_ Accession # Q62170 — His N-term — C-term
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	28.74 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 68-108 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



PSGL-1, His, Mouse on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

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Background

Target Background : P-selectin glycoprotein ligand-1 (PSGL-1) has long been studied as an adhesion molecule involved in immune cell trafficking and is recognized as a regulator of many facets of immune responses by myeloid cells. PSGL-1 also regulates T cell migration during homeostasis and inflammatory settings.

Synonyms : CLA; PSGL-1; PSGL1; CD162; SELPLG; Selectin P ligand; Selp1; Selpl

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